Quantitation Report (QT Reviewed)

Data File : H:\VOL1\GCMSDATA\L\120215\BL000562.D Vial: 7
Acq On : 15 Feb 2012 14:16 Operator: HLM
Sample : CWA-1 Inst : BNA L
Misc : BNA L HLM Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Feb 16 14:02 2012 Quant Results File: BL021512.RES

Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)
Title : CWA degredation products by GCMS
Last Update : Wed Feb 15 14:49:38 2012
Response via : Initial Calibration
DataAcq Meth : CWAL

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	1503592	2.00	ug/mL	0.00
6) Naphthalene-d8	7.08	136	4885244	2.00	ug/mL	0.01
System Monitoring Compounds						
10) Tripropylphosphate	8.09	99	96030	0.06	ug/mL	0.00
Spiked Amount 500.000	Range 70 - 130		Recovery = 0.01%#			
12) 2-Bromothioanisole	8.40	204	167861	0.38	ug/mL	0.00
Spiked Amount 5000.000	Range 70 - 130		Recovery = 0.01%#			
Target Compounds						Qvalue
2) Dimethyl Disulfide	3.78	94	199778	0.27	ug/mL	95
3) DMMP	4.60	79	37860	0.06	ug/mL	92
4) DIMP	5.95	97	73581	0.06	ug/mL#	65
5) 1,4-Oxathiane	4.77	46	206380	0.29	ug/mL	94
7) 1,4-Dithiane	6.22	46	115965	0.29	ug/mL	95
8) Thiodiglycol	6.92	61	325790m	0.76	ug/mL	
9) Benzothiazole	7.38	135	591186	0.46	ug/mL#	62
11) p-Chlorophenylmethylsulfid	7.62	158	423451	0.55	ug/mL	87
13) p-Chlorophenylmethylsulfox	9.08	159	87013	0.19	ug/mL	81
14) p-Chlorophenylmethylsulfon	9.28	111	211482	0.37	ug/mL	91

(#) = qualifier out of range (m) = manual integration

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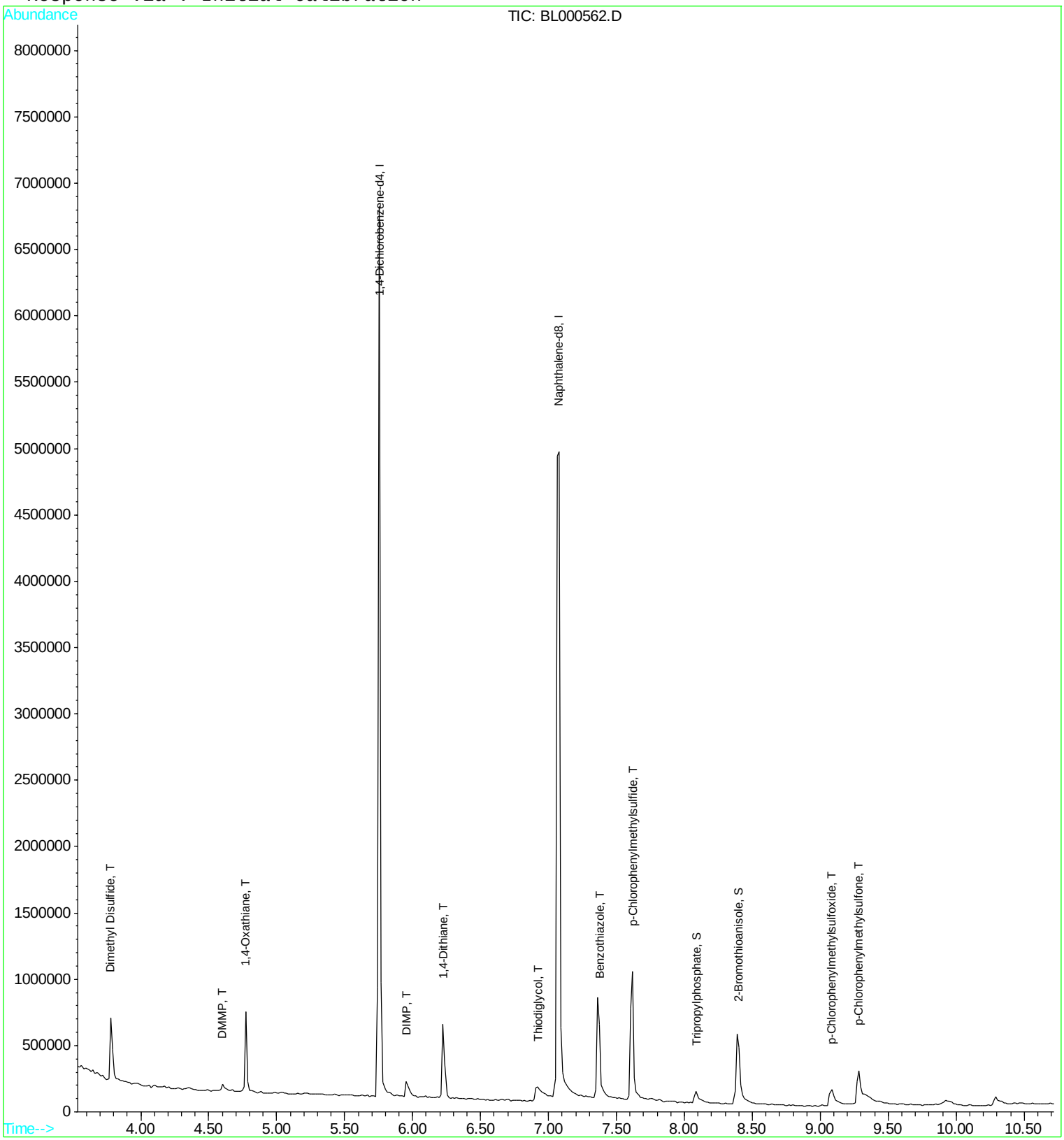
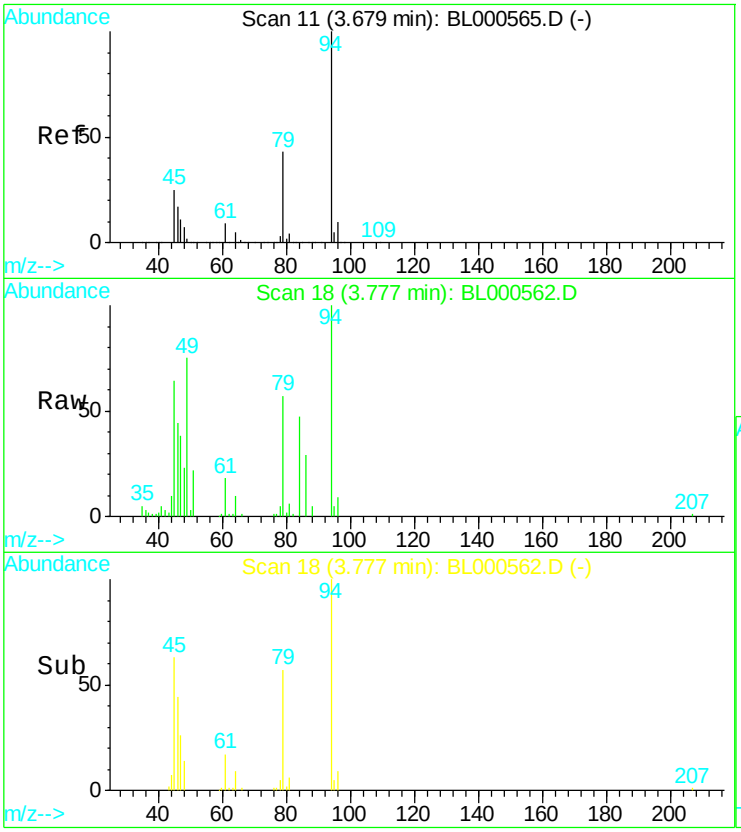
Misc : BNA L HLM Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Feb 16 14:02 2012 Quant Results File: BL021512.RES

Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)
Title : CWA degredation products by GCMS
Last Update : Fri Feb 17 10:16:01 2012
Response via : Initial Calibration

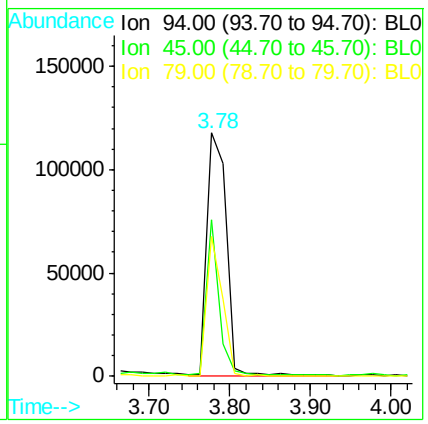


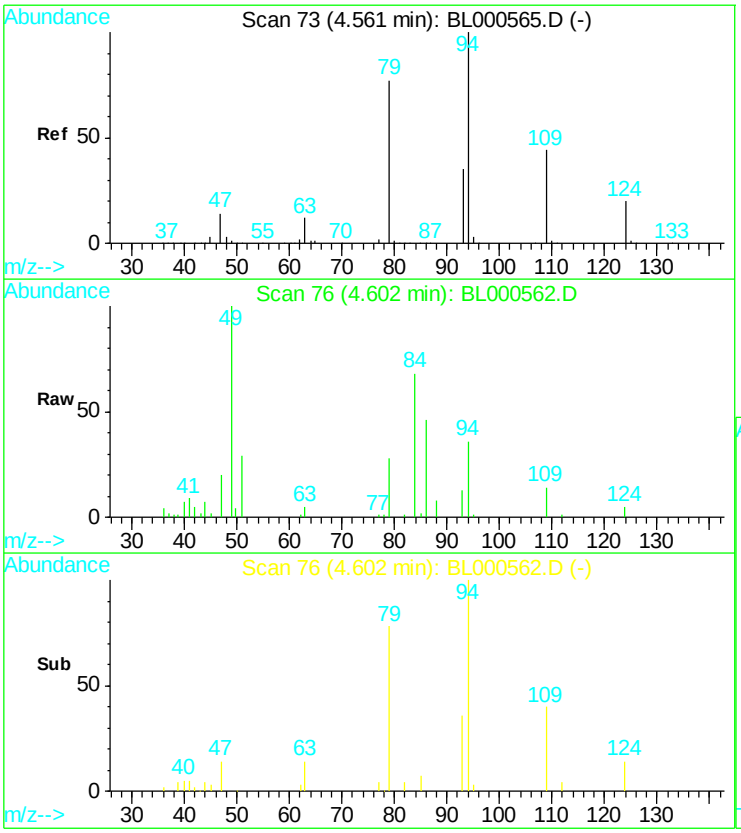


#2
Dimethyl Disulfide
Concen: 0.27 ug/mL
RT: 3.78 min Scan# 18
Delta R.T. 0.02 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion: 94 Resp: 199778

Ion	Ratio	Lower	Upper
94	100		
45	64.4	37.9	77.9
79	57.4	36.3	76.3

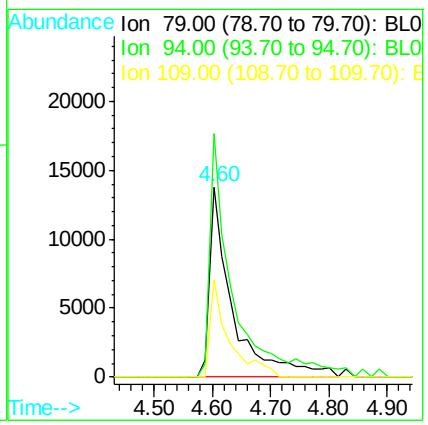


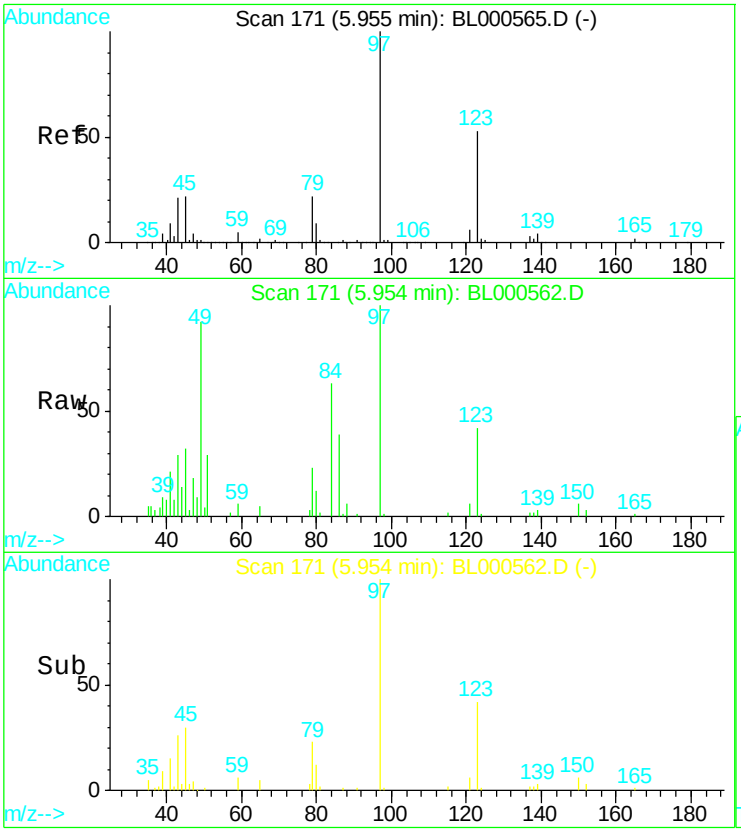


#3
DMMP
Concen: 0.06 ug/mL
RT: 4.60 min Scan# 76
Delta R.T. 0.02 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion: 79 Resp: 37860

Ion	Ratio	Lower	Upper
79	100		
94	127.9	98.3	138.3
109	51.1	26.6	66.6

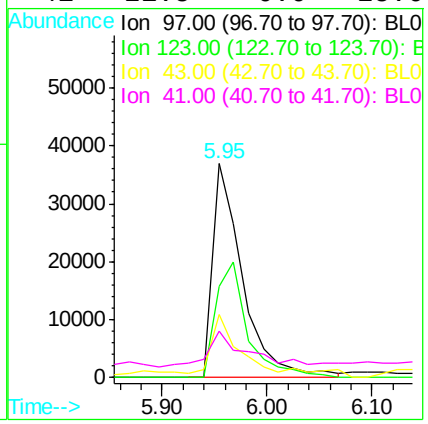


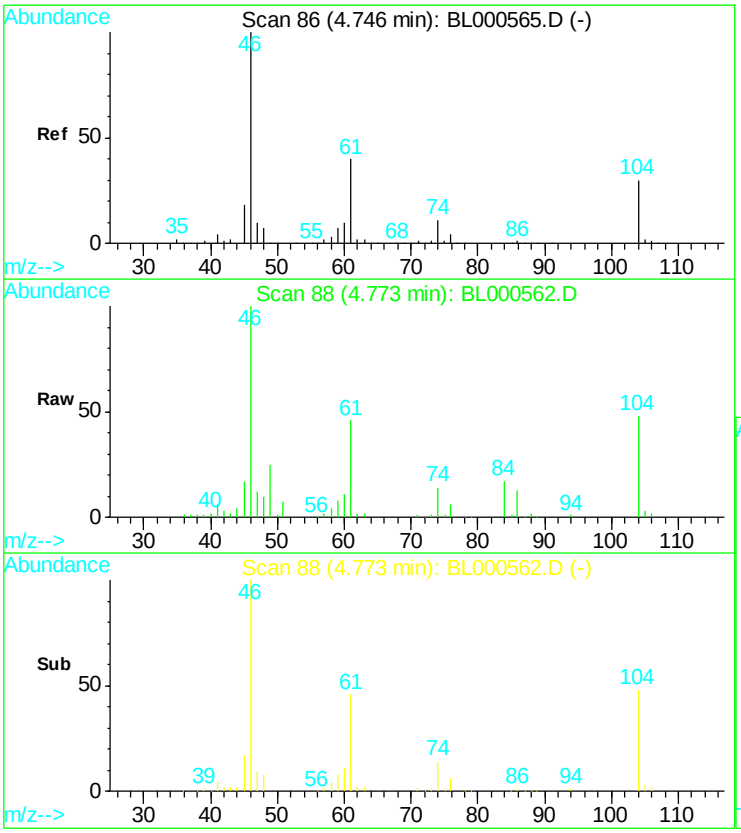


#4
DIMP
Concen: 0.06 ug/mL
RT: 5.95 min Scan# 171
Delta R.T. -0.00 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion: 97 Resp: 73581

Ion	Ratio	Lower	Upper
97	100		
123	42.4	48.8	88.8#
43	29.3	0.0	32.3
41	21.5	0.0	25.6

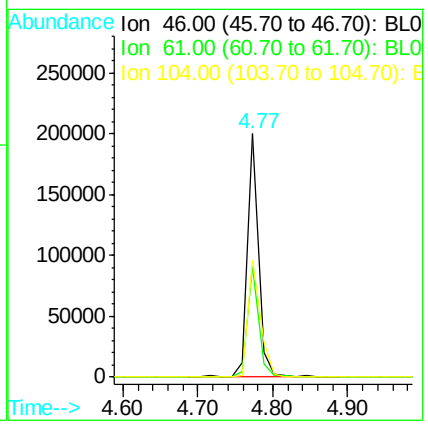


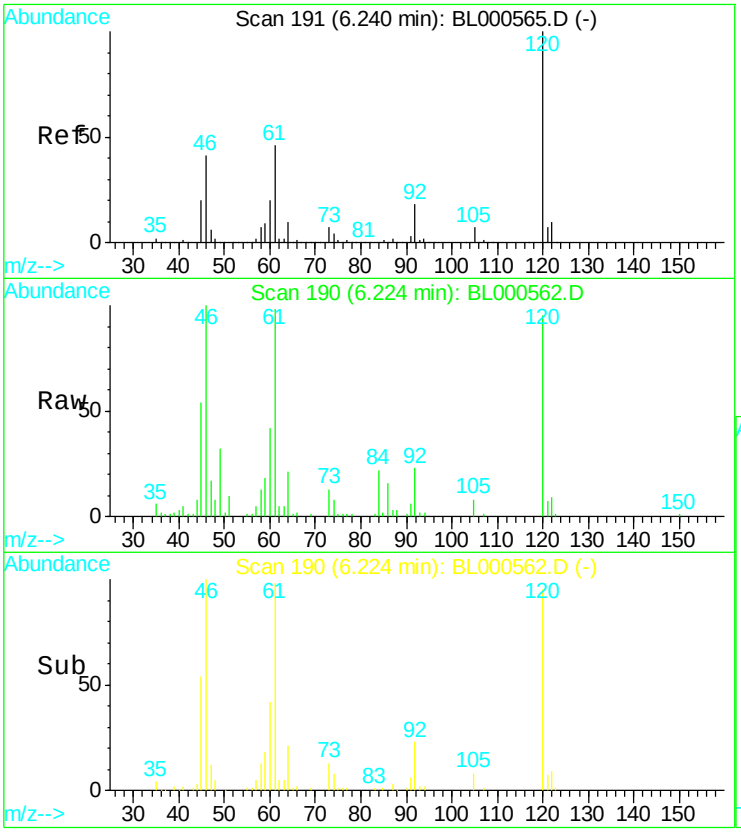


#5
1,4-Oxathiane
Concen: 0.29 ug/mL
RT: 4.77 min Scan# 88
Delta R.T. -0.00 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion: 46 Resp: 206380

Ion	Ratio	Lower	Upper
46	100		
61	45.6	29.6	69.6
104	48.2	32.6	72.6

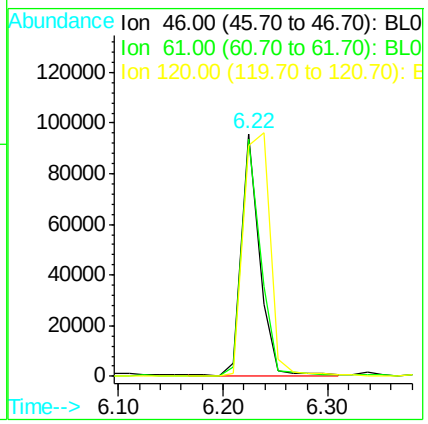


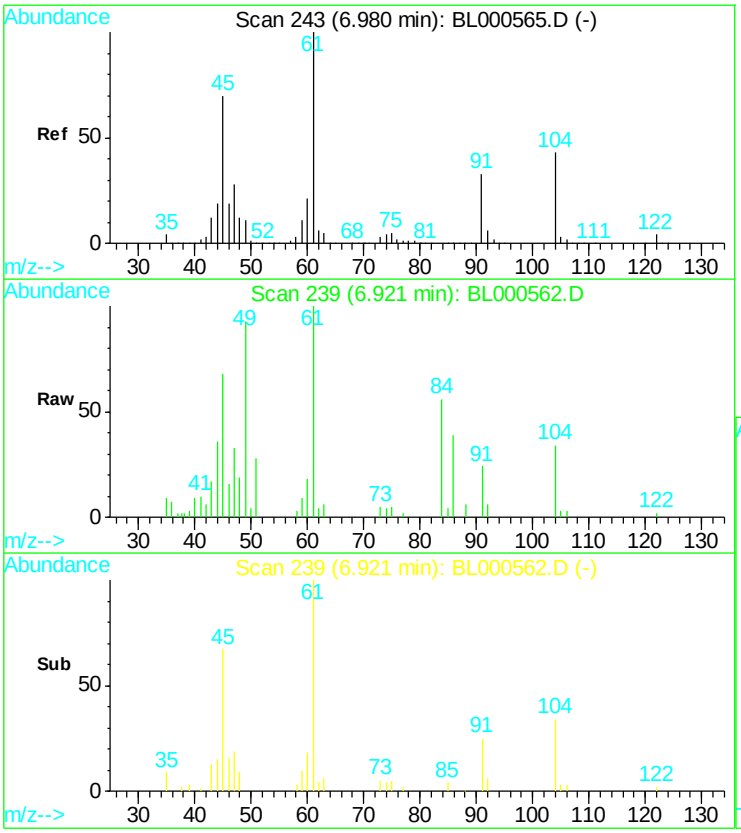


#7
1,4-Dithiane
Concen: 0.29 ug/mL
RT: 6.22 min Scan# 190
Delta R.T. -0.00 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion: 46 Resp: 115965

Ion	Ratio	Lower	Upper
46	100		
61	97.9	74.1	114.1
120	95.4	81.1	121.1

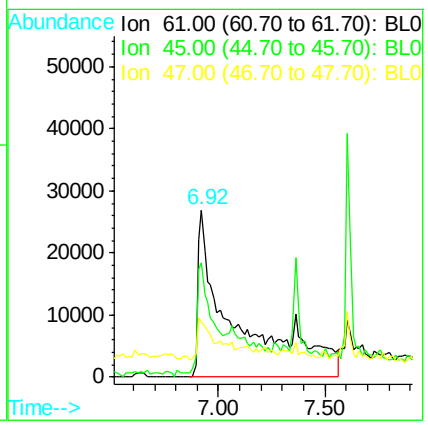


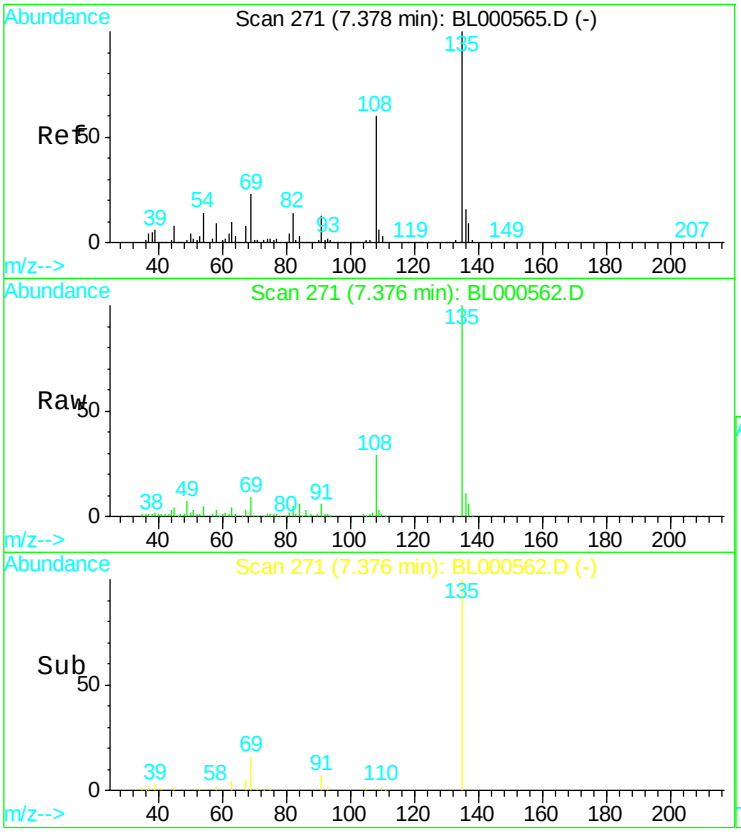


#8
Thiodiglycol
Concen: 0.76 ug/mL m
RT: 6.92 min Scan# 239
Delta R.T. -0.03 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion: 61 Resp: 325790

Ion	Ratio	Lower	Upper
61	100		
45	68.1	50.8	90.8
47	32.8	9.0	49.0

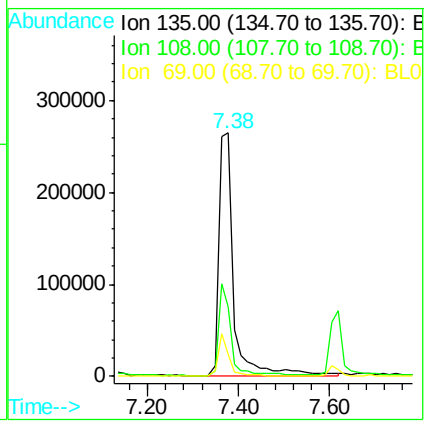


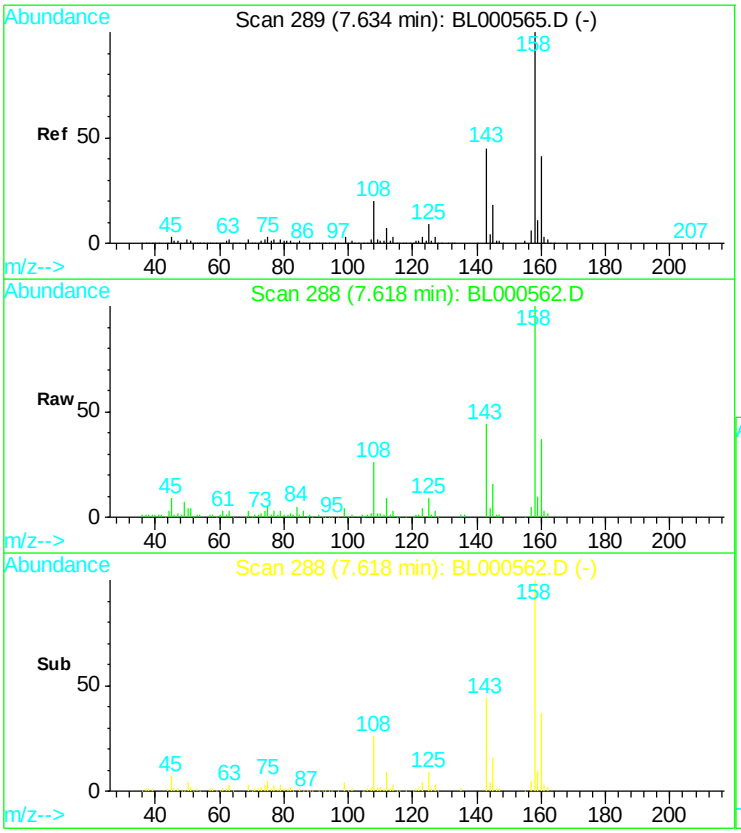


#9
Benzothiazole
Concen: 0.46 ug/mL
RT: 7.38 min Scan# 271
Delta R.T. 0.01 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion:135 Resp: 591186

Ion	Ratio	Lower	Upper
135	100		
108	28.7	38.8	78.8#
69	9.0	5.9	45.9

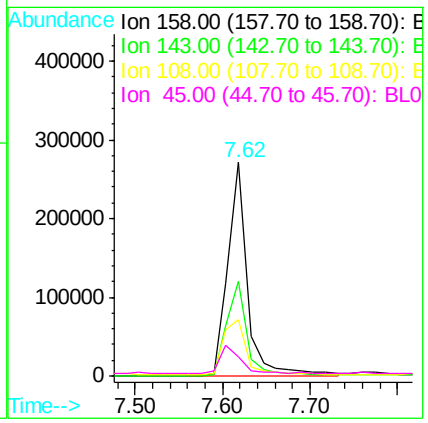


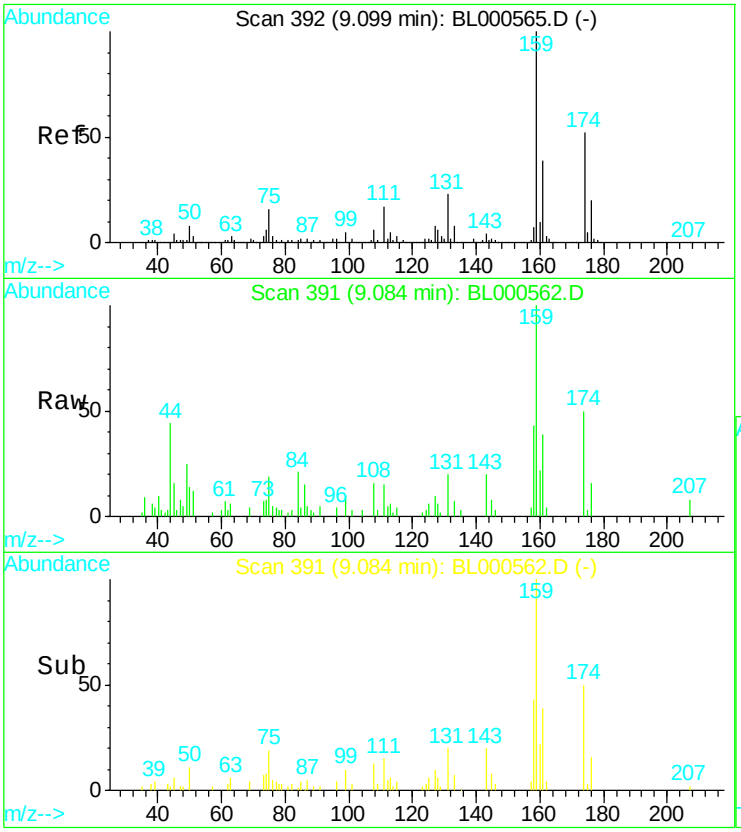


#11
p-Chlorophenylmethylsulfide
Concen: 0.55 ug/mL
RT: 7.62 min Scan# 288
Delta R.T. -0.00 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion:158 Resp: 423451

Ion	Ratio	Lower	Upper
158	100		
143	44.1	36.0	76.0
108	26.3	10.7	50.7
45	9.2	0.0	26.7

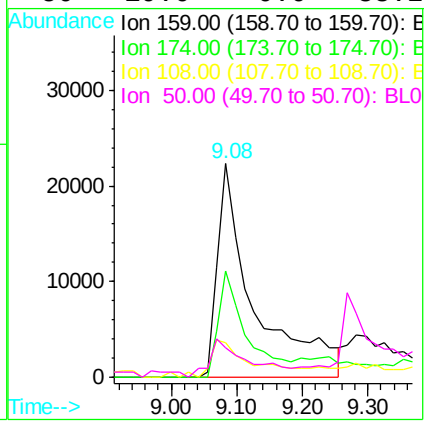


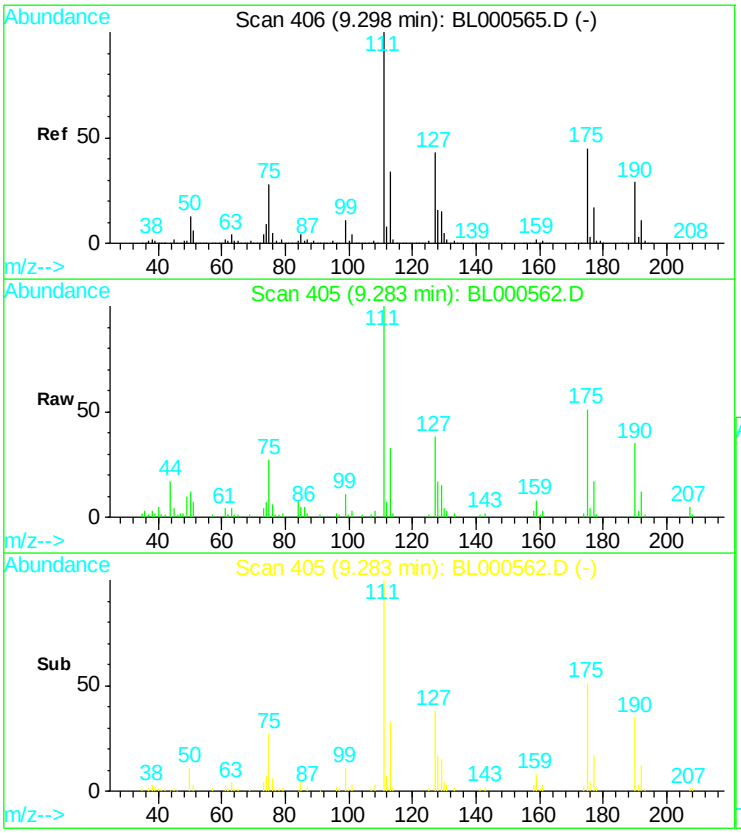


#13
p-Chlorophenylmethylsulfoxide
Concen: 0.19 ug/mL
RT: 9.08 min Scan# 391
Delta R.T. -0.00 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion:159 Resp: 87013

Ion	Ratio	Lower	Upper
159	100		
174	38.6	30.4	70.4
108	20.2	0.0	27.6
50	19.0	0.0	33.2





#14
p-Chlorophenylmethylsulfone
Concen: 0.37 ug/mL
RT: 9.28 min Scan# 405
Delta R.T. -0.00 min
Lab File: BL000562.D
Acq: 15 Feb 2012 14:16

Tgt Ion:111 Resp: 211482

Ion	Ratio	Lower	Upper
111	100		
75	26.6	9.9	49.9
127	37.9	21.9	61.9
190	34.7	5.3	45.3